

Figure 1

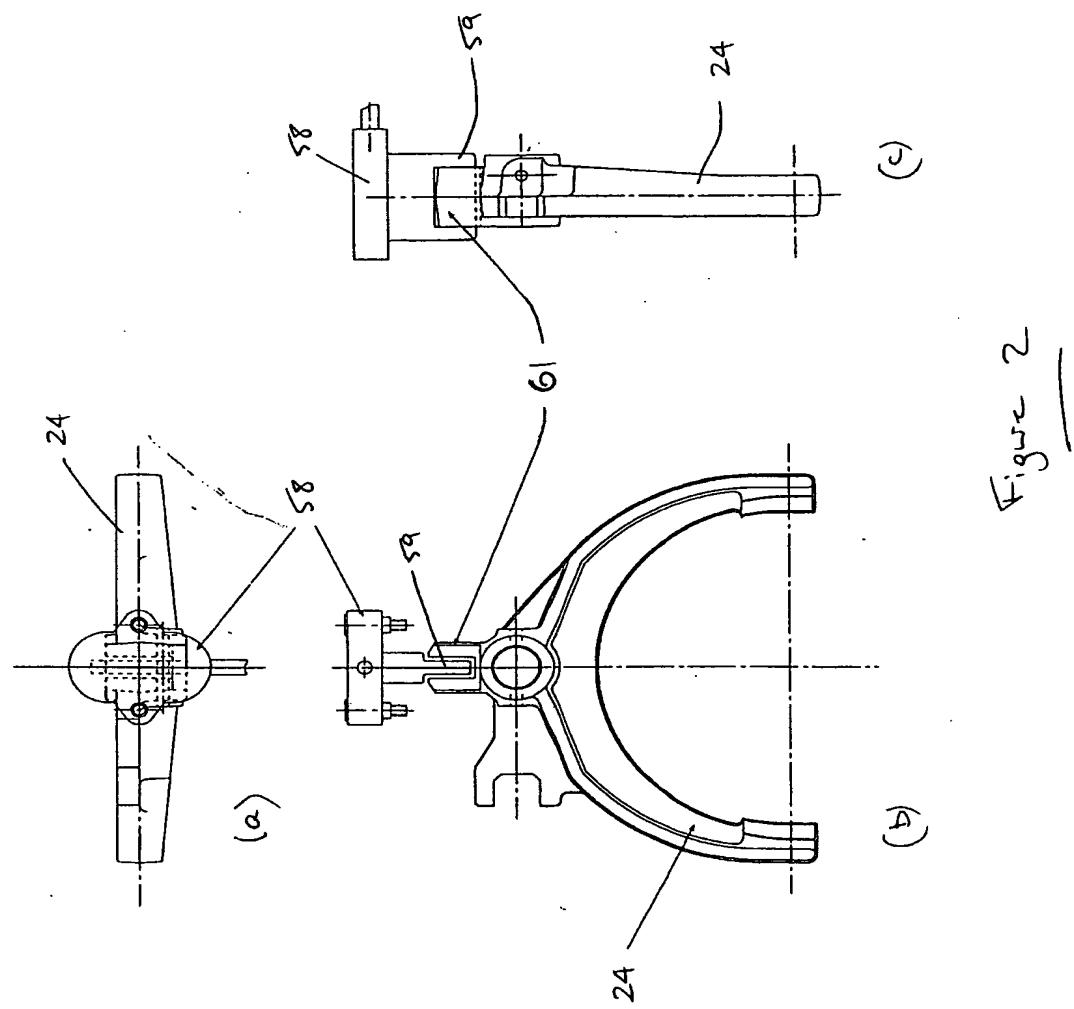


Figure 2

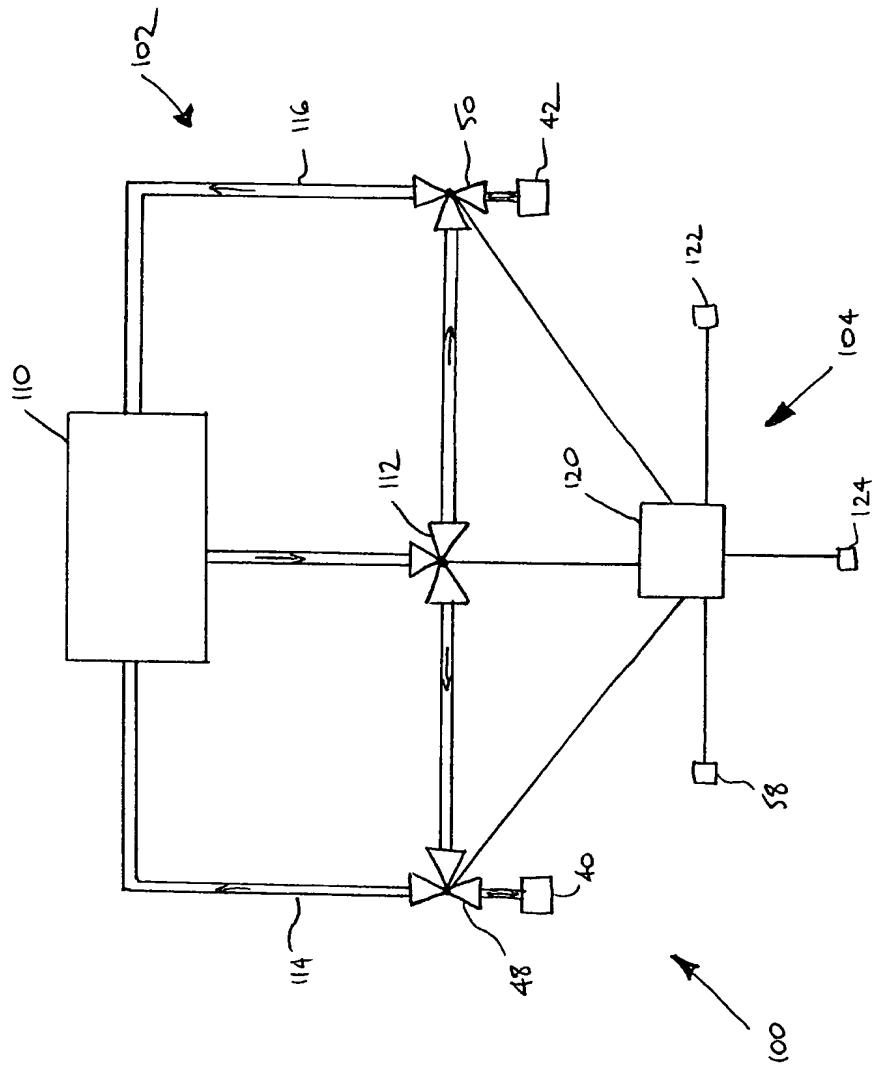


Figure 3

Transmission Status:
 Direction Clutch Engaged
 Solenoid A Engaged Electrically
 Solenoid B Engaged Electrically
 Synchronizer Control Valve Full On

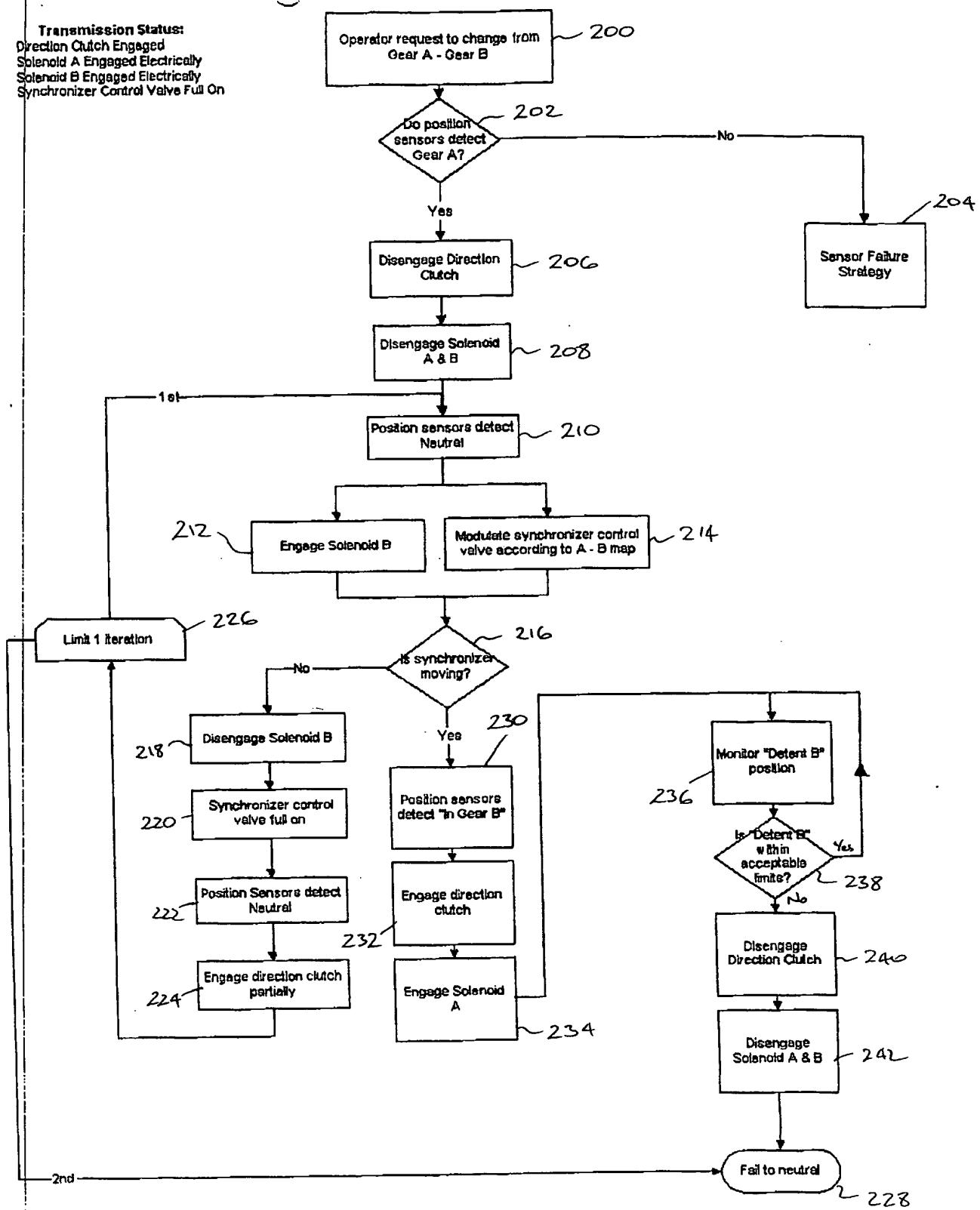
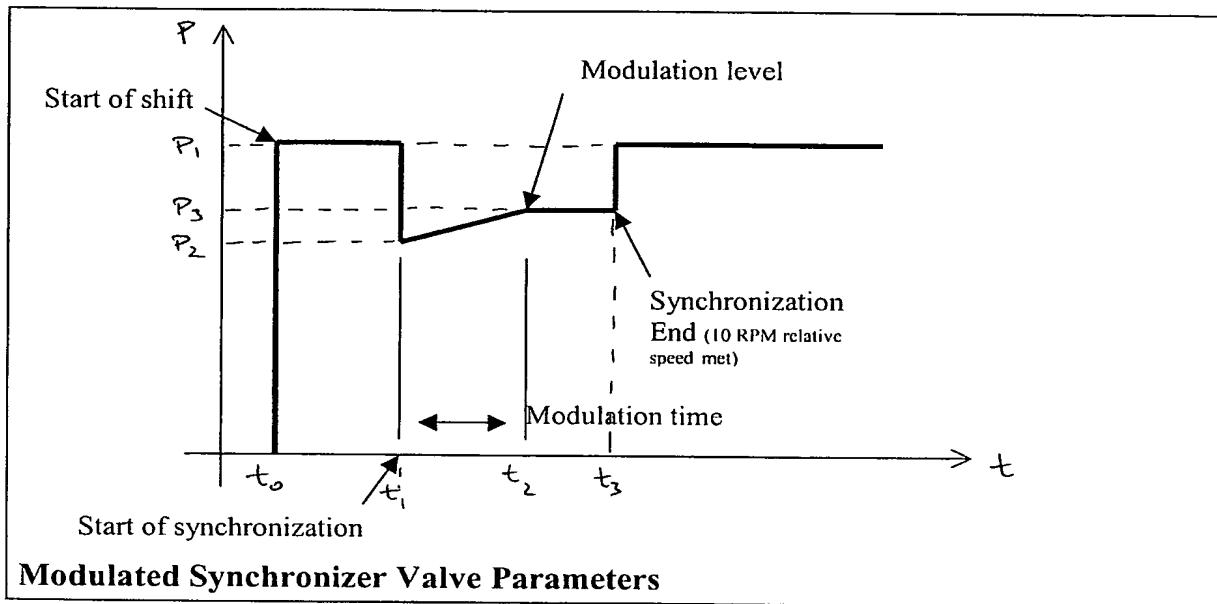


Figure 4



Modulated Synchronizer Valve Parameters

Modulated Synchronizer Engagement

		Amps	kPa
Synch. Valve I1	I1	0.4	600
Synch. Valve I2	I2	1.1	1460

Figure 5

loops	
Synch1pulse	1
Synch2pulse	1
Synch3pulse	1
Synch4pulse	1
Synch5pulse	1

Shift	Beg (kPa)	End (kPa)	Slip (loops)
1F->2F	455	1460	6
2F->3F	455	900	6
3F->4F	455	900	6
4F->5F	455	1000	6
1R->2R	455	1460	6
2R->3R	455	900	6
5F->4F	455	1000	6
4F->3F	455	1200	6
3F->2F	455	1460	6
2F->1F	455	1460	6
3R->2R	455	1460	6
2R->1R	455	1460	6

Figure 6